

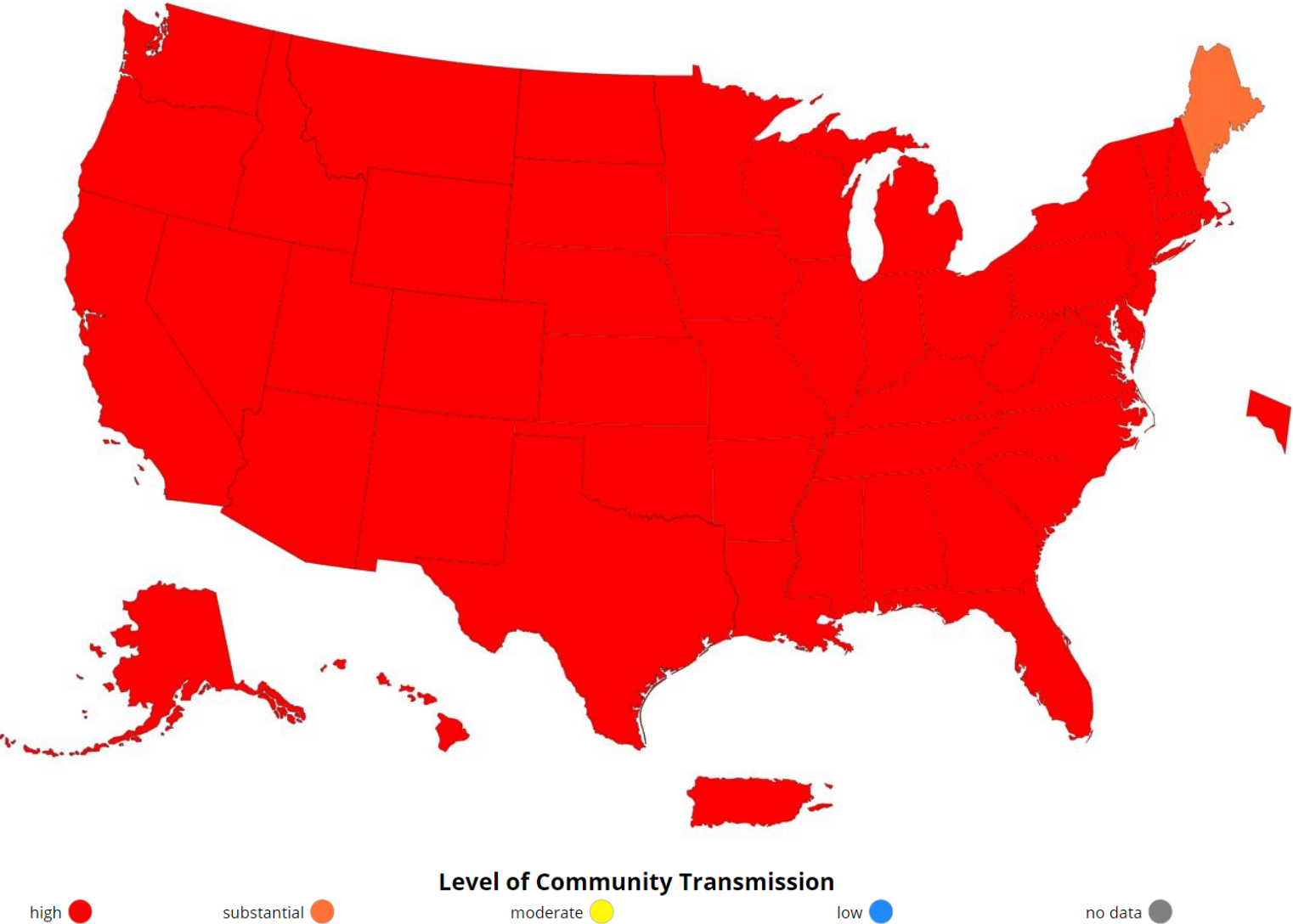
# **VIRGINIA'S HEALTH IS IN OUR HANDS.**

Do your part,  
stop the spread.

**COVID-19 Surveillance Data Update**

August 26, 2021

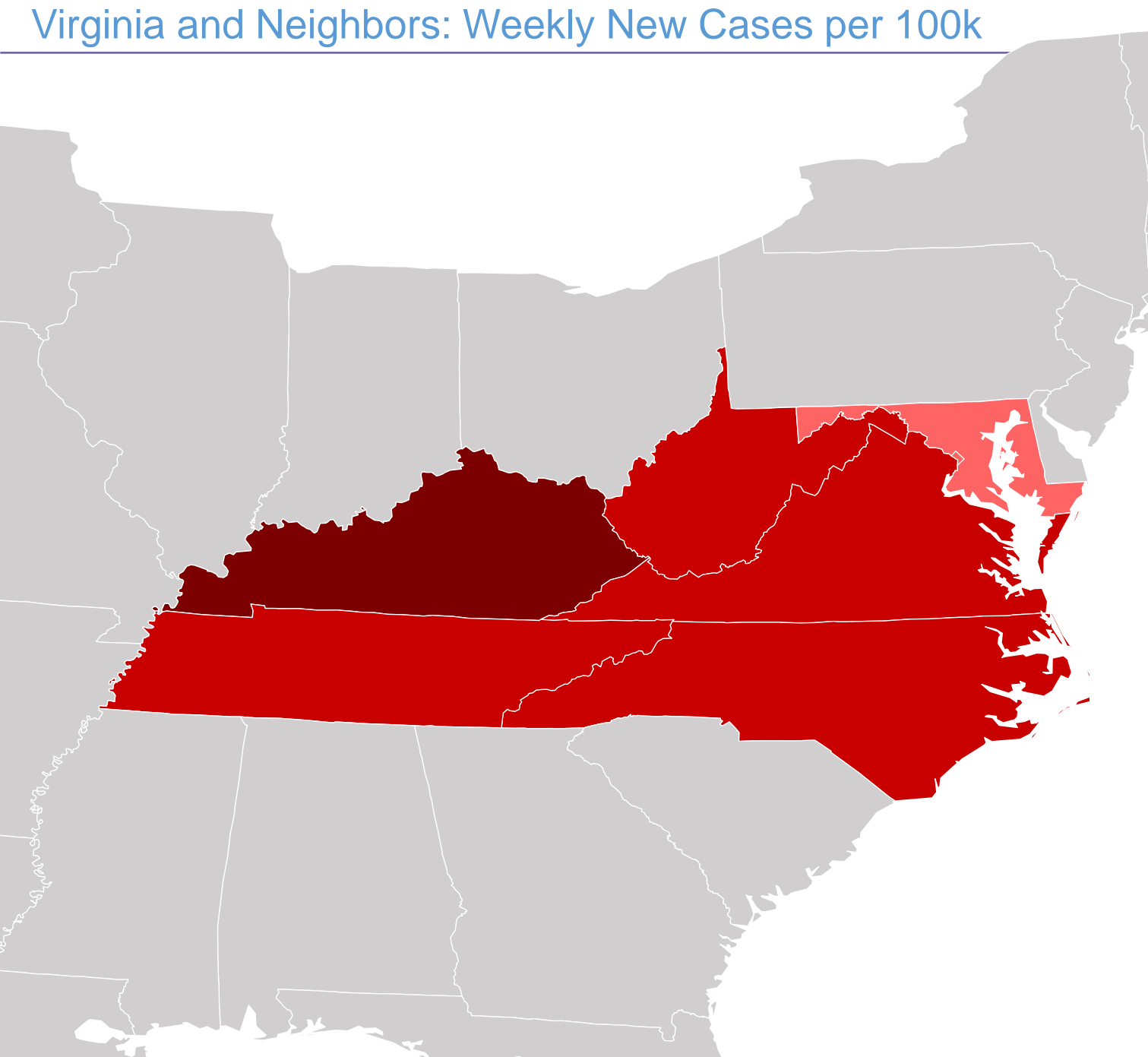
Level of Community Transmission of COVID-19, by State/Territory



	Cases in the Last 7 Days Per 100k Population
Virginia	224.0
U.S.	299.5
Louisiana	705.2
Mississippi	799.0
Florida	704.1

Indicator	Total new cases per 100k persons in the past 7 days
Low Transmission	0-9.99
Moderate Transmission	10-49.99
Substantial Transmission	50-99.99
High Transmission	≥ 100

# Virginia and Neighbors: Weekly New Cases per 100k



Over the last 7 days, **Virginia** had **224.0 (+18%)** new confirmed cases per week per 100k

**Rates Higher than Virginia:**  
Kentucky, **569.6 (+40%)**  
Tennessee, **498.4 (+2%)**  
North Carolina, **385.7 (+8%)**  
West Virginia, **334.0 (+26%)**

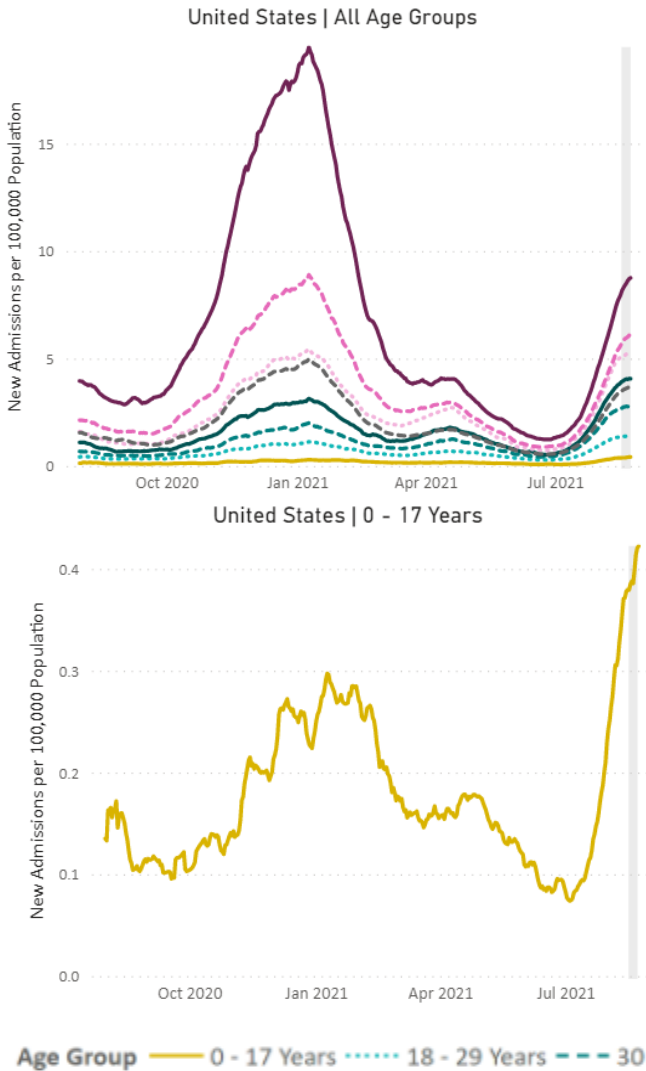
**Rates Lower than Virginia:**  
District of Columbia, **151.9 (+1%)**  
Maryland, **101.9 (-9%)**

Legend	New cases per 100k population per week
Yellow	10-49
Orange	50-99
Light Red	100-199
Red	200-499
Dark Red	500-749

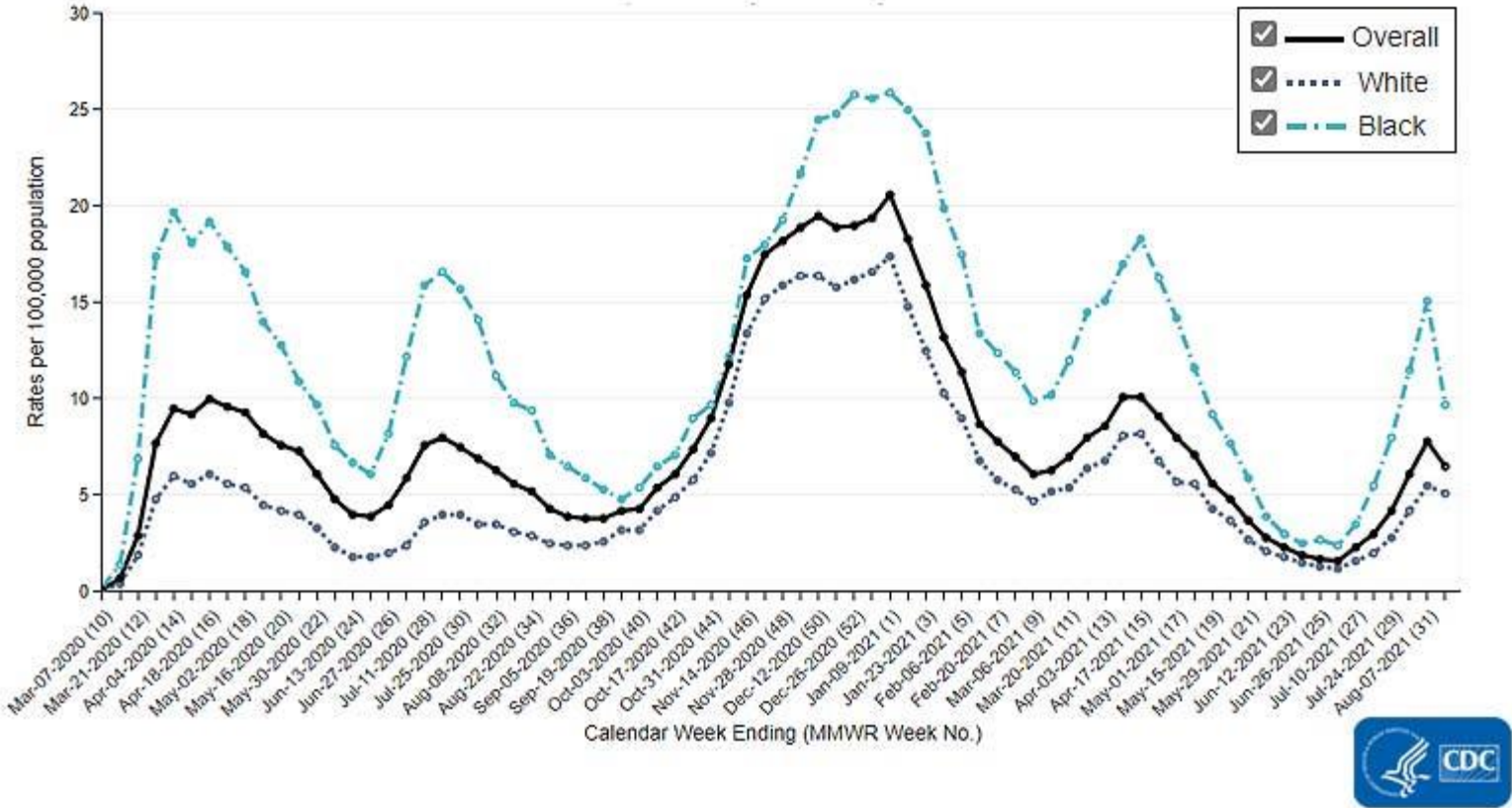
Source and thresholds provided by CDC, [HealthData.gov](https://healthdata.gov)

# National: Hospitalizations

## New Admissions of Patients with Confirmed COVID-19 per 100k Population by Age Group



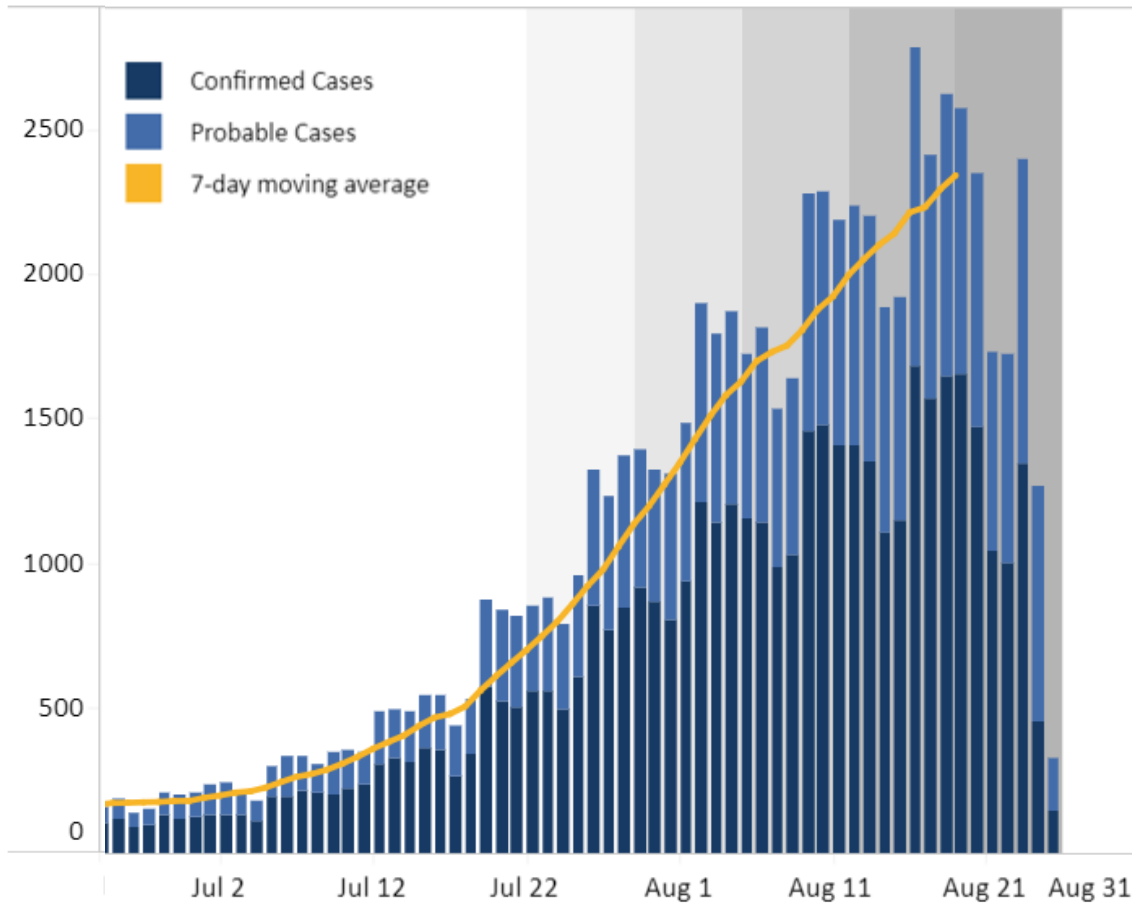
## Trends in Rates of COVID-19-Associated Hospitalizations in Non-Hispanic Black People



# Virginia: Cases, Hospitalizations, and Deaths

## Cases by Date of Symptom Onset, last 60 days

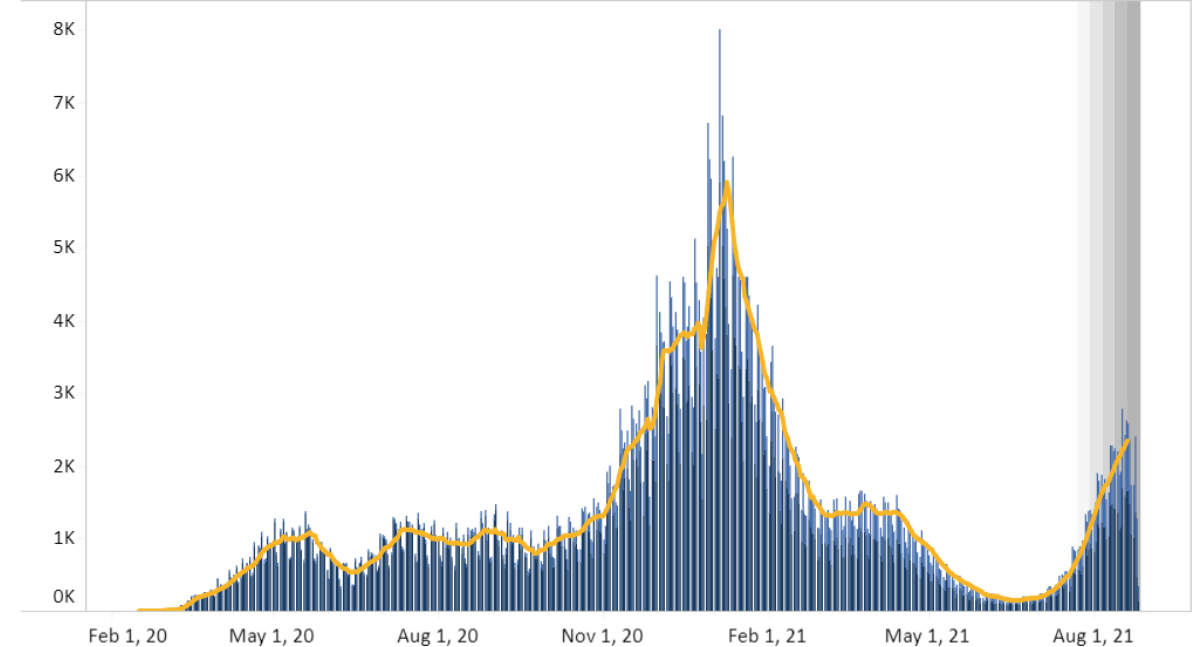
Gray shaded area illness may not have been reported yet

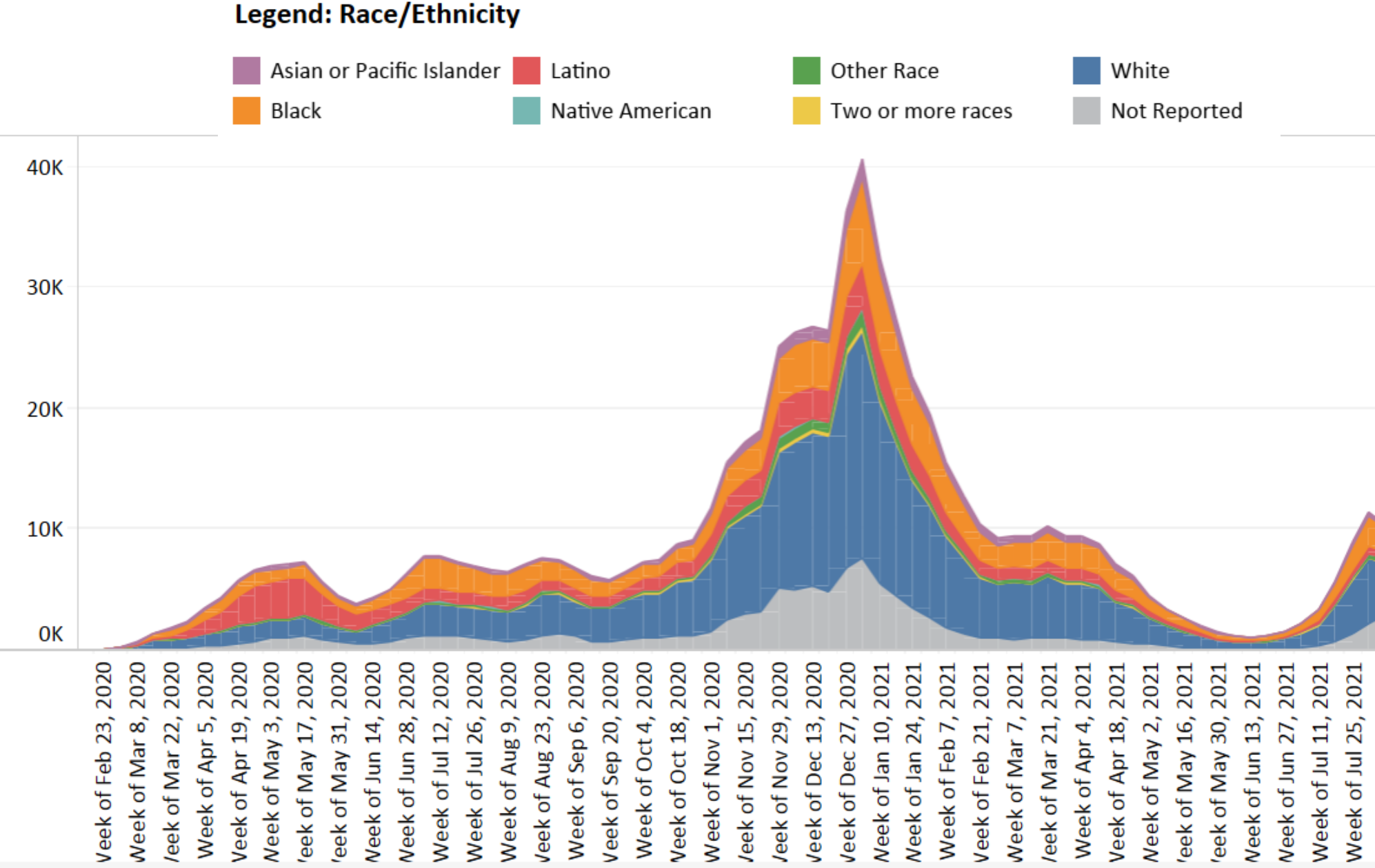


- Compared to last week, cases increased to 2,835 (7-day MA) per day (+26%)
  - 54% lower than the January peak of 2021
  - 2098% higher than the June low of 2021
- Hospitalizations increased to 1,395 per day (+20%)
- Deaths increased to 13.1 per day (+66%)

## Cases, All Reporting Timeline

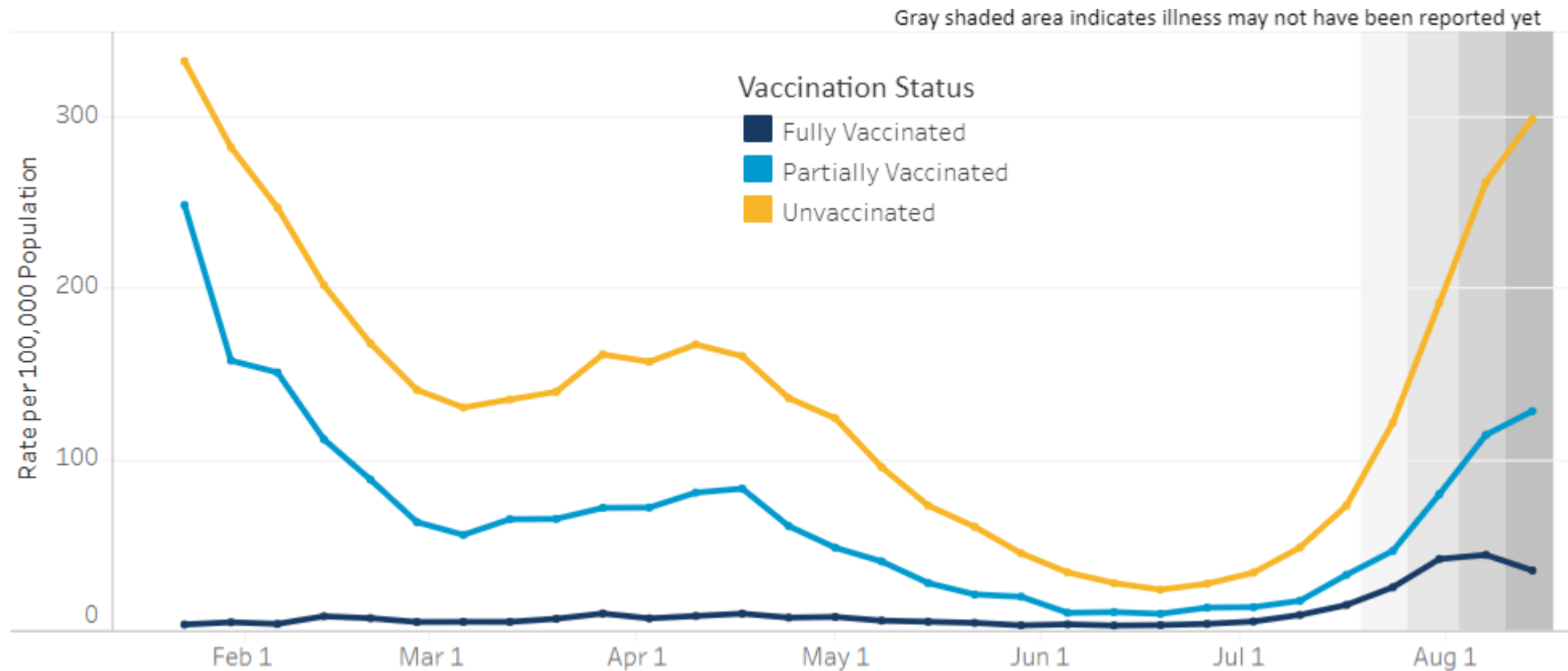
Gray shaded area indicates illness may not have been reported yet





# Virginia: Cases by Vaccination Status

## Rate of Infections per 100k, 1/17/21 – 8/14/21



- Between 1/17/2021 and 8/14/2021, unvaccinated people developed COVID-19 at a rate **12.5 times** higher than fully vaccinated people and **2.5 times** higher than partially vaccinated people
- As of 8/14/2021, 4,713,872 Virginians have been fully vaccinated. Of these, **0.2%** have developed COVID-19, **0.009%** have been hospitalized, and **0.0018%** have died



Distinct Count of Outbreaks, Blue Bars are Confirmed Outbreaks



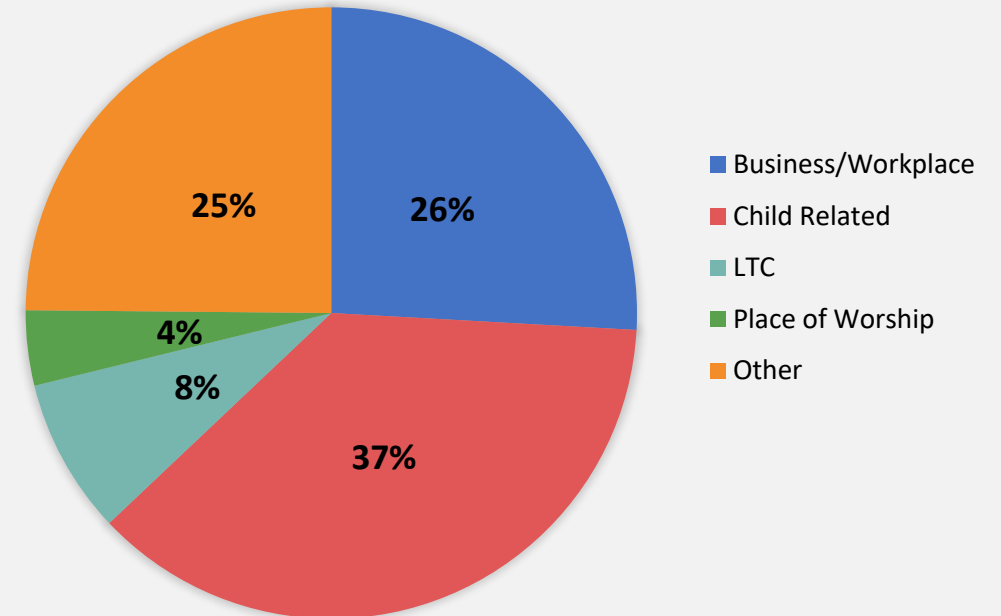


**After Business/Workplace, 3 of the top 5 facility types with the highest outbreaks are child related**

**37% of outbreaks are related to facilities for children**

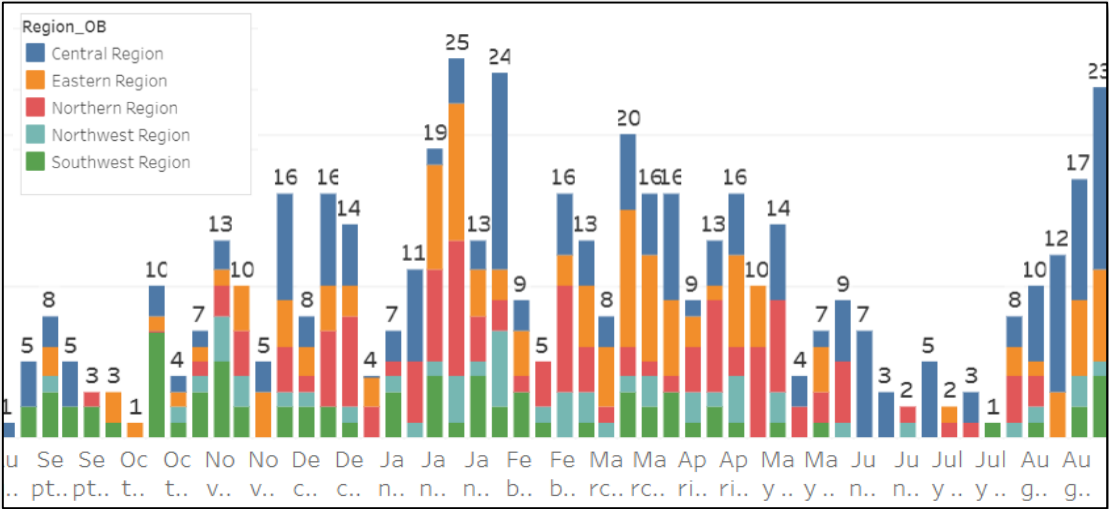
Facility	Number of Outbreaks (%) *	Week ending 8/14	Week ending 8/21
Business/Workplace	176 (26%)	22 (31%)	22 (22%)
<b>School (K-12)</b> <b>School Sport Teams</b>	<b>118 (17%)</b> <b>25 (21% of K-12)</b>	<b>12 (16.9%)</b>	<b>17 (17%)</b>
<b>Daycare/Pre-K</b>	<b>100 (15%)</b>	<b>14 (19.7%)</b>	<b>17 (17%)</b>
LTC (Nursing Home, Multicare, Assisted Living)	56 (8%)	14 (19.7%)	14 (14%)
<b>Camp/Campground</b>	<b>34 (5%)</b>	<b>5 (7.0%)</b>	<b>6 (6%)</b>
Place of Worship	27 (4%)	4 (5.6%)	3 (3%)
Total Number of Outbreaks	680	71	101

**OUTBREAKS BY FACILITY**

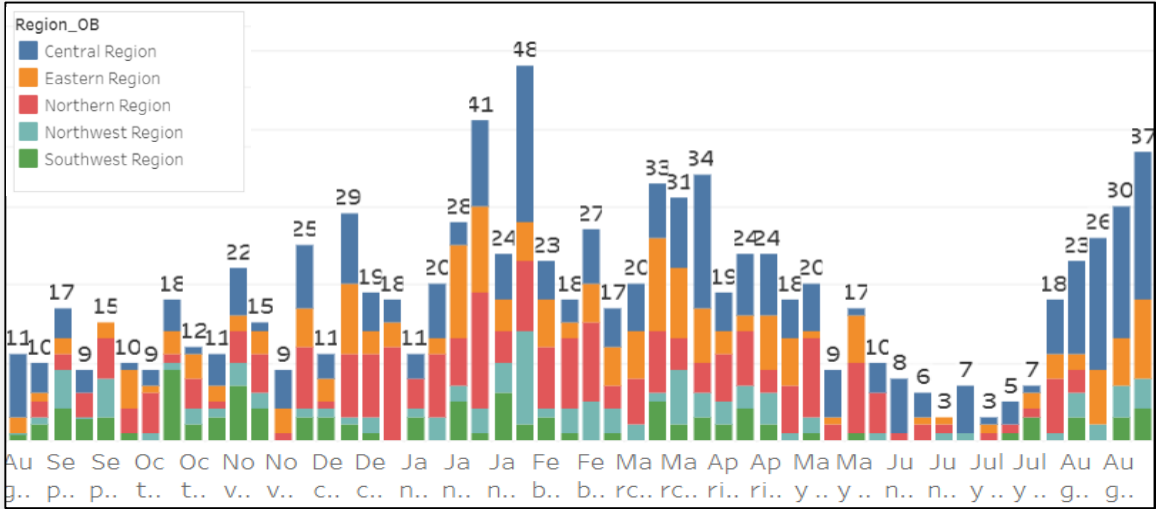


\*Data 5/1/2021 – 8/21/2021, Data includes Confirmed and Suspected outbreaks

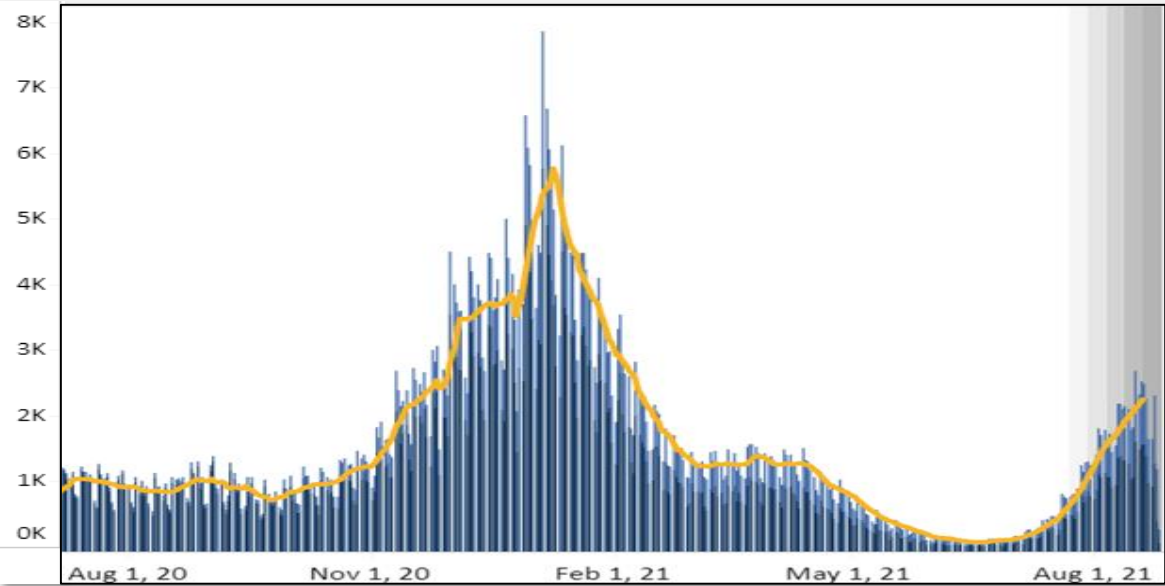
K-12 Weekly Outbreak Count by Date Reported to OEPI



All School Level Weekly Outbreak Count by Date Reported to OEPI\*

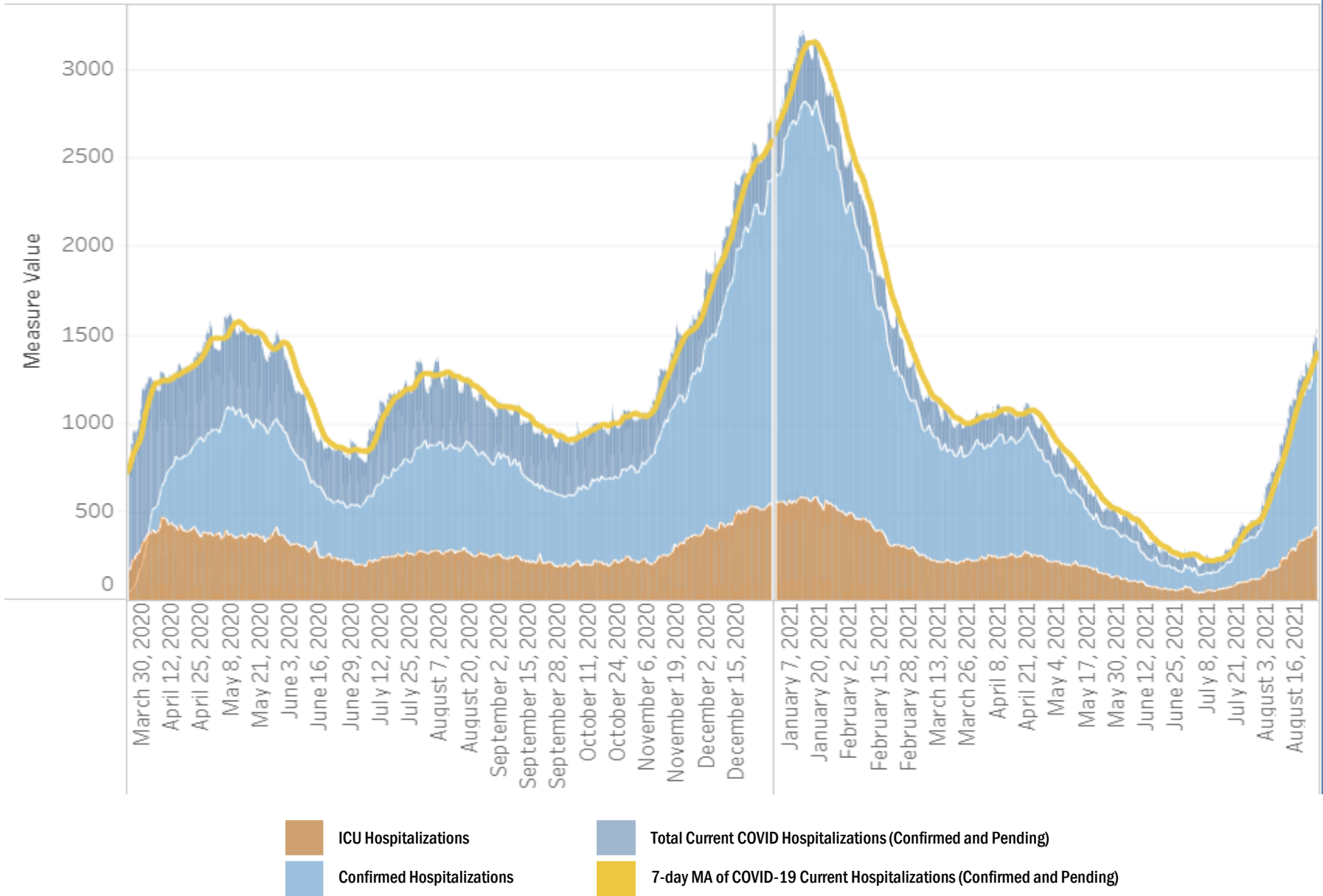


Cases by Symptom Onset, August 2020 – August 2021



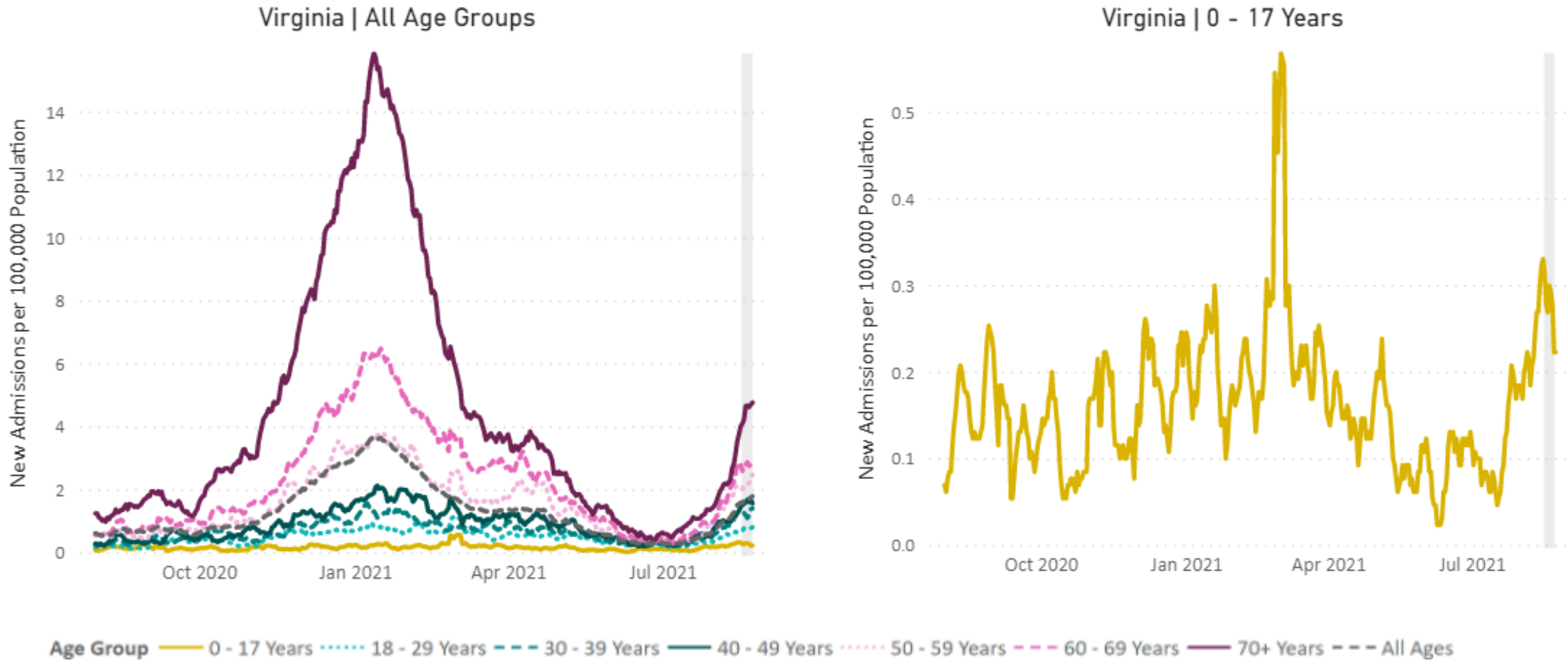
- There is a disproportionate number of school outbreaks compared to cases during the previous peak in January 2021
- School outbreaks are currently approaching their January peak, while cases are only 40% of their January peak

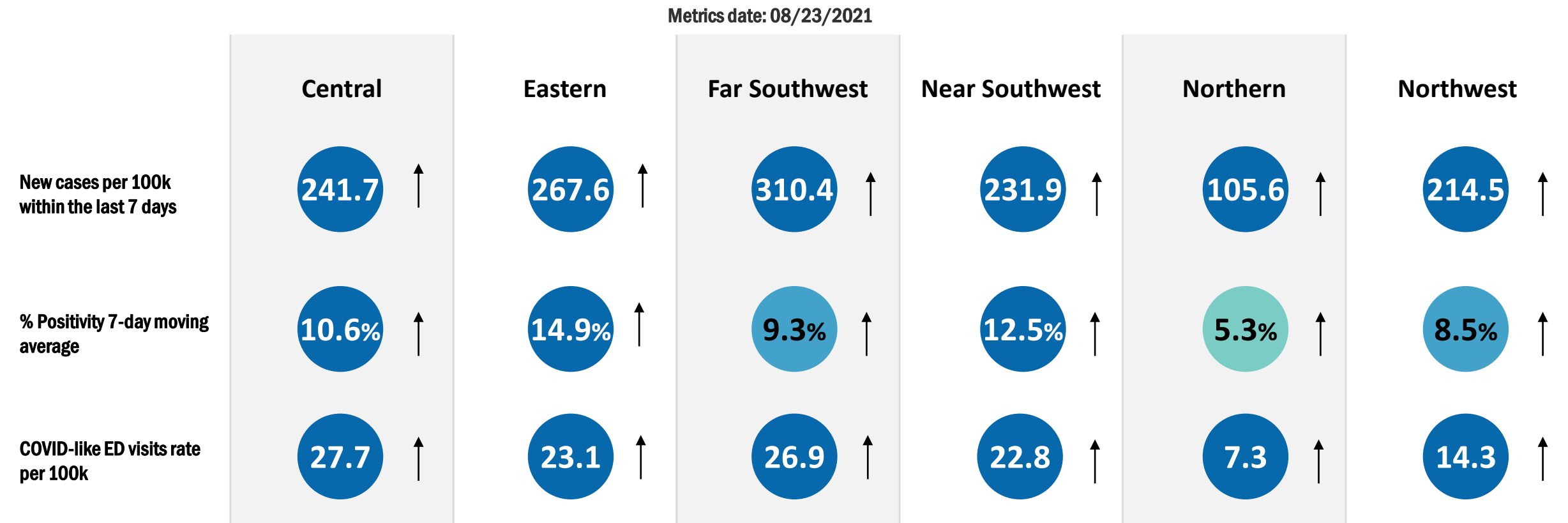
\*Daycare/Pre-K, K-12, College/University



# Virginia: COVID-19 in Virginia Hospitals

New Admissions of Patients with Confirmed COVID-19 per 100,000 Population by Age Group, Virginia  
Aug 01, 2020 - Aug 23, 2021





Burden	Level 0	Level 1	Level 2	Level 3	Level 4
New Cases	<10	10-49		50-100	>100
% Positivity	<3	3-5	5-8	8-10	>10
CLI ED Visits	<4		4-5.9		≥6

Symbol	Trend
↑	Increasing
↓	Decreasing
○	Fluctuating

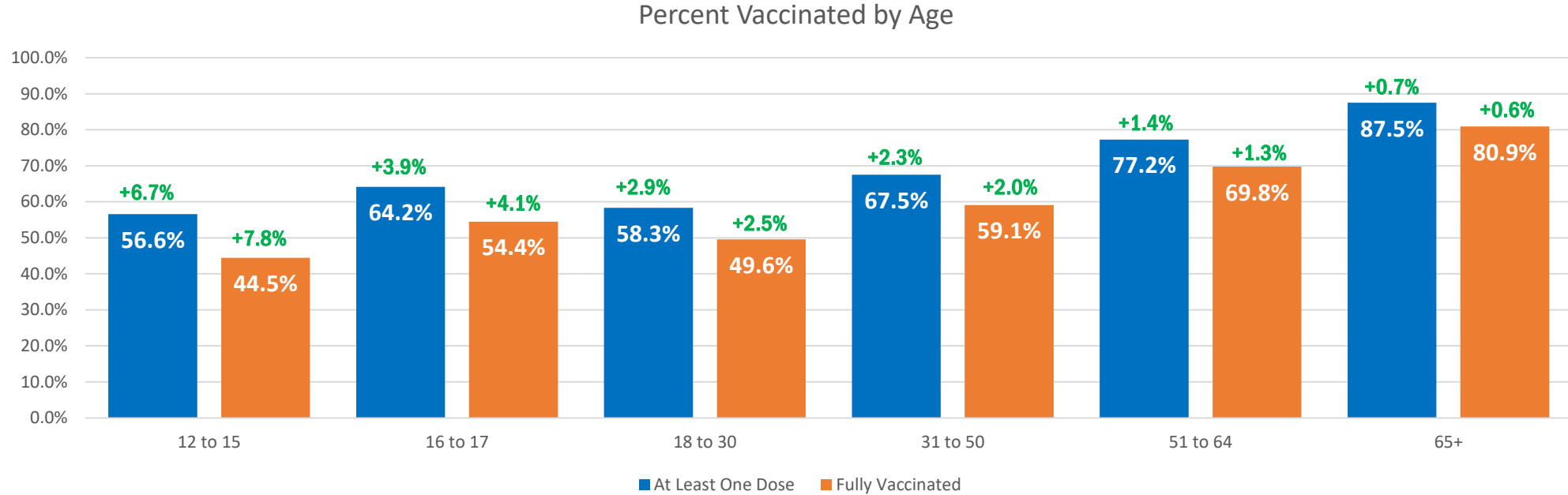
# Virginia Localities with PCR Positivity Rates > 10%

The localities below have a 7-day moving average positivity rate of 10% or greater. **Approximately, 46% of Virginia localities have surpassed a 10% positivity rate.\***

Martinsville	37.50%	↑	Henry	14.70%	↑	Portsmouth	12.57%	↓	Giles	10.83%	↑
Campbell	26.73%	↓	Carroll	14.59%	↓	Radford	12.47%	↓	Spotsylvania	10.75%	↑
Craig	20.34%	↑	Botetourt	14.33%	↓	Chesapeake	12.26%	↑	King and Queen	10.64%	↑
Franklin	19.38%	↓	Augusta	14.32%	↑	Bland	12.20%	↑	Northampton	10.62%	↑
Wythe	18.27%	↓	Lynchburg	14.30%	↓	Amherst	12.12%	↓	Essex	10.54%	↓
Appomattox	17.98%	↓	Galax	14.19%	↓	Danville	12.07%	↑	Stafford	10.50%	↑
Pulaski	15.92%	↑	Colonial Heights	14.15%	↑	Sussex	12.03%	↑	Caroline	10.42%	↓
Scott	15.89%	↑	Mathews	13.71%	↓	Bristol	11.98%	↑	Richmond City	10.39%	↑
Newport News	15.77%	↑	Gloucester	13.48%	↓	Waynesboro	11.66%	↑	Page	10.33%	↓
Staunton	15.69%	↑	Surry	13.24%	↑	Roanoke	11.62%	↑	Franklin City	10.28%	↑
Northumberland	15.60%	↑	Hampton	13.10%	↑	Virginia Beach	11.43%	↑	Brunswick	10.15%	↑
Accomack	15.09%	↑	Isle of Wight	13.04%	↑	Dinwiddie	11.38%	↑	Petersburg	10.11%	↑
Lancaster	14.74%	↓	Halifax	12.88%	↑	Washington	11.24%	↑	Rockingham	10.06%	↑
Floyd	14.72%	↓	Suffolk	12.77%	↑	Russell	10.99%	↑	Buena Vista City	10.00%	↑
Bedford	14.71%	↑	Norfolk	12.69%	↑	Orange	10.94%	↑	Nottoway	10.00%	↑



# Virginia: Vaccination by Age Groups



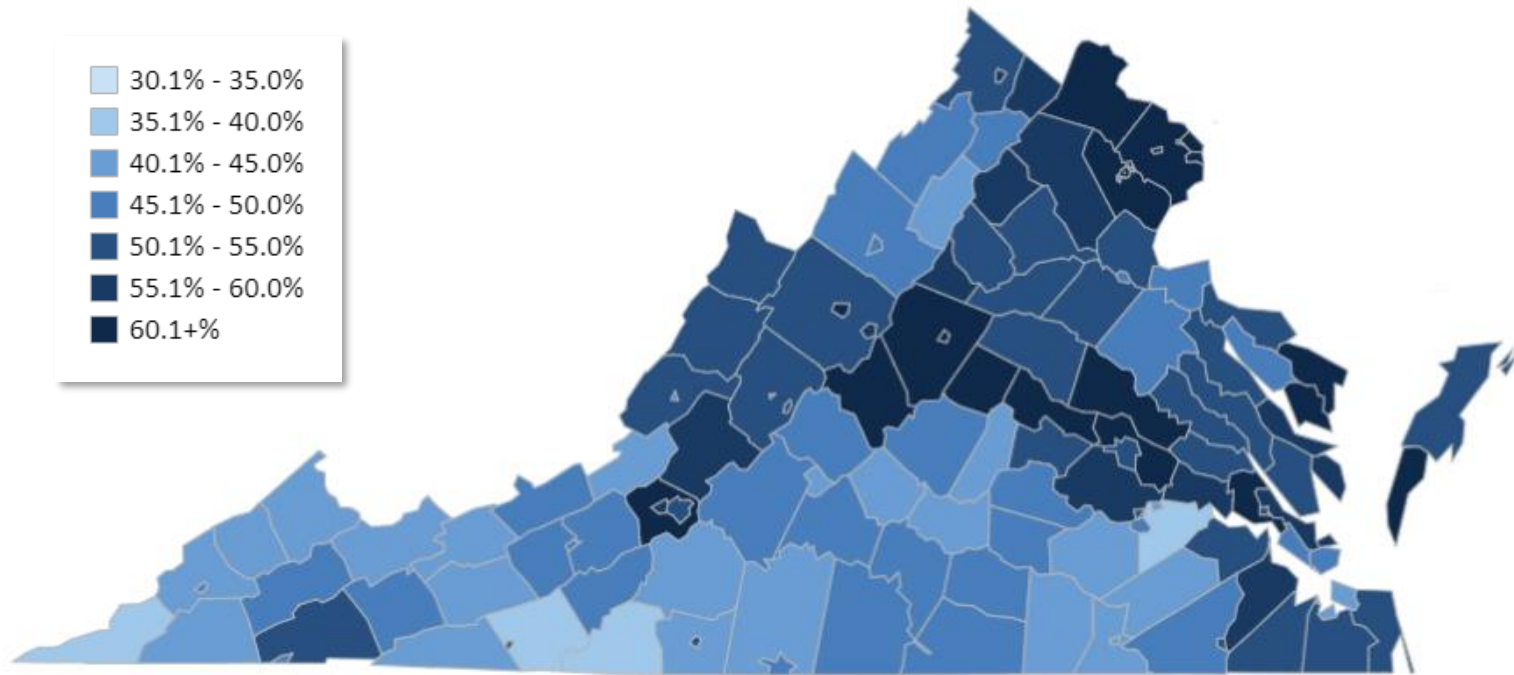
## Virginia Vaccination by Age

- ✓ **75.2% (+2.2%)** of the Adult (18+) Population Vaccinated with at Least One Dose
- ✓ **65.3% (+2.0%)** of the Eligible (12+) Population Fully Vaccinated
- ✓ **87.4% (+0.8%)** of Virginians 65+ and **58.8% (+7.1%)** of 12 to 17 year olds have received at least one dose
- ✓ **55.9% (+2.0%)** of the Total Population has been Fully Vaccinated

\* Green indicates change over 2 weeks

# Virginia: Vaccination across the Commonwealth by Geography

## Percent of the Total Population with at Least One Dose by Locality



## First Dose Vaccination Rate by Region for Total Population

Region Name	1st Dose Vaccination	% 2 Week Change
Central	55.3%	+2.5%
Eastern	51.0%	+2.5%
Northern	64.5%	+1.4%
Northwest	53.5%	+1.8%
Southwest	47.5%	+2.3%

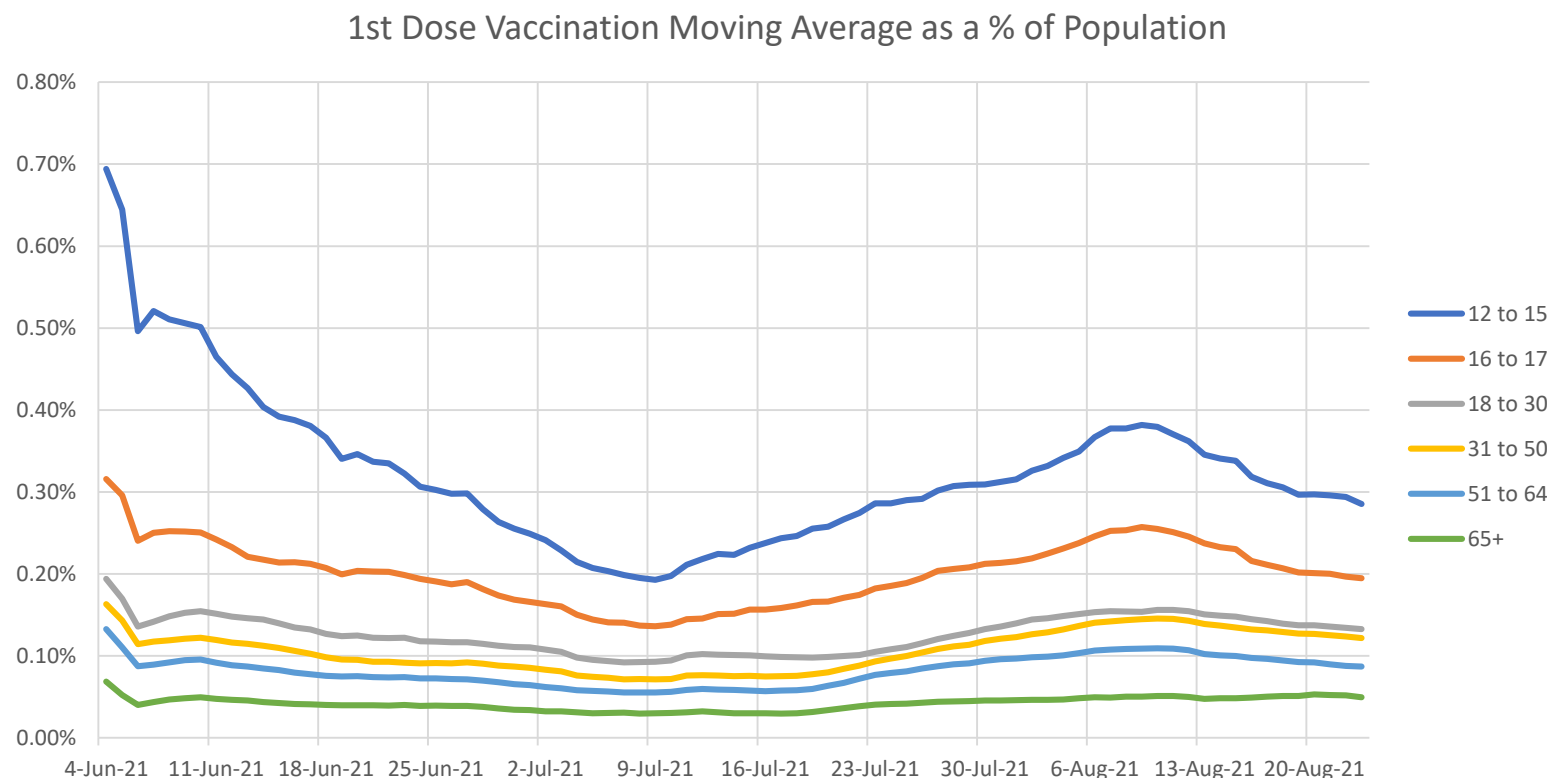
- 4 out of 133 Localities have a first dose vaccination rate below 40%
- 21 out of 133 Localities have a first dose vaccination rate above 60%
- There is a disparity across Urban and Rural areas by Age Groups, with Rural Adolescents the Lowest Vaccinated group

2013 SRHP Isserman Classification	12 to 15	16 to 17	18 to 30	31 to 50	41 to 64	65+	Grand Total
Mixed Rural	40.5%	49.9%	46.8%	53.5%	65.9%	81.1%	60.1%
Mixed Urban	57.8%	67.9%	62.2%	63.6%	75.9%	88.8%	70.1%
Rural	31.4%	39.7%	40.0%	46.8%	62.0%	76.8%	56.0%
Urban	59.7%	69.6%	53.3%	64.9%	75.4%	84.9%	67.4%
Grand Total	52.3%	61.8%	51.9%	60.6%	71.5%	83.0%	64.8%

# Virginia: Vaccine Demand Fluctuations

## Vaccinations per day have been declining after and increase in early August

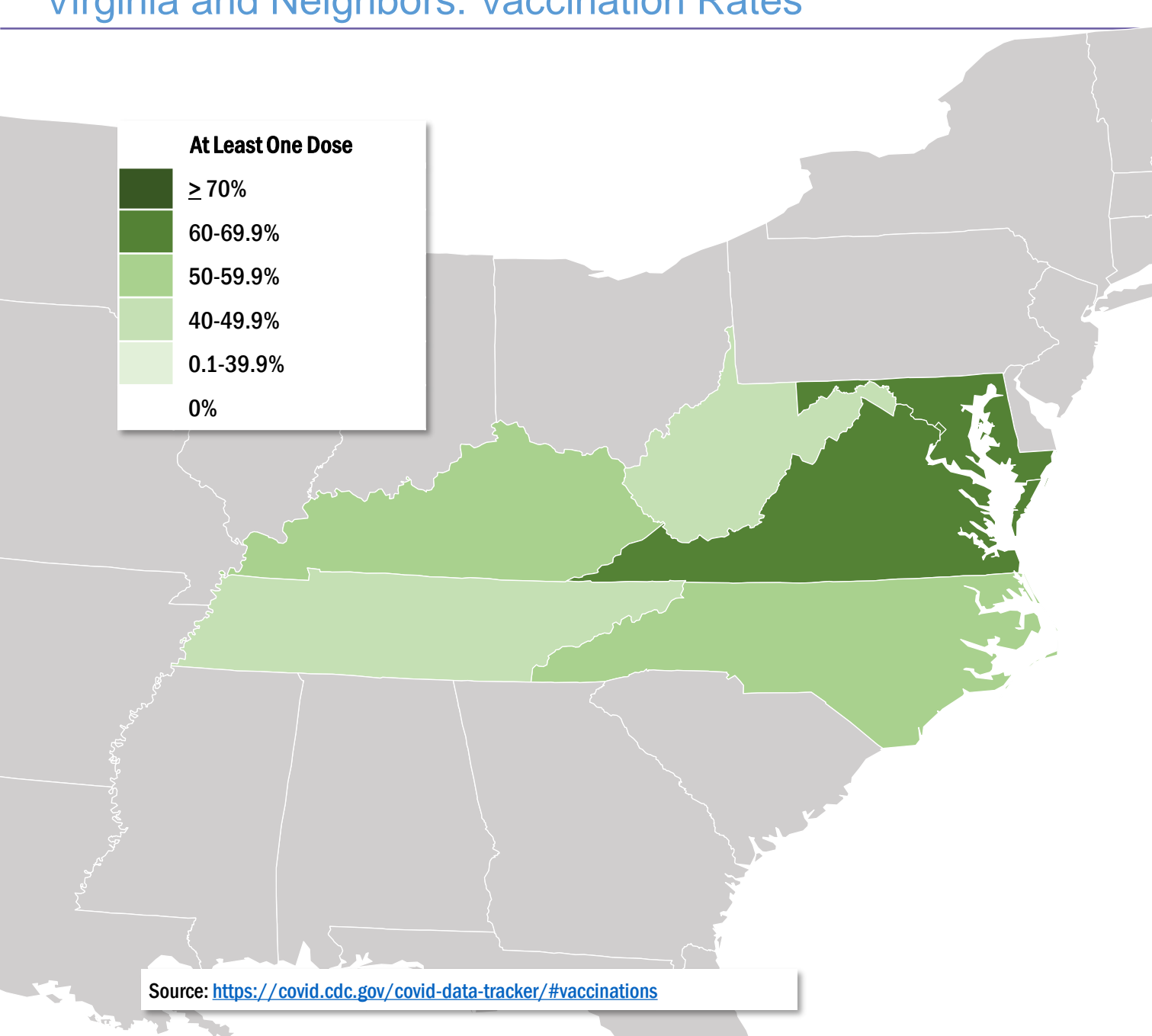
- First Doses rates are declining after a noticeable increase over the past month; the vaccination numbers are still higher than last month
- All Age groups are seeing lower vaccination rates, but the rates are still higher than the lows in Early July
- There have been 21,662 Third Doses since August 14th



Federal doses not included in this number

Source: [COVID-19 Vaccine Summary – Coronavirus \(virginia.gov\)](https://www.virginia.gov/covid-19/vaccine-summary)

# Virginia and Neighbors: Vaccination Rates



	At Least One Dose*	Fully Vaccinated*
Nationwide	60.9% (+3.4%)	51.6% (+2.6%)
D.C.	66.7% (+2.3%)	56.8% (+2.0%)
Kentucky	55.9% (+4.3%)	47.7% (+3.0%)
Maryland	67.4% (+2.3%)	60.8% (+2.0%)
North Carolina	54.7% (+4.2%)	45.6% (+2.9%)
Tennessee	48.4% (+4.8%)	41.0% (+3.3%)
Virginia**	64.6% (+2.7%)	56.5% (+2.4%)
West Virginia	46.8% (+1.1%)	39.5% (+0.8%)

\*Total population, includes out-of-state vaccinations

\*\* Differs from previous slide because all vaccination sources (e.g., federal) are included

\*\*\* Green indicates two week change